

RCE #13  
1/9/03

PTO/SB/30 (10/2001)

Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**REQUEST  
FOR  
CONTINUED EXAMINATION (RCE)  
TRANSMITTAL**

Address to:  
Commissioner for Patents  
Box RCE  
Washington, DC 20231

Application Number	09/536,927
Filing Date	3/27/00
First Named Inventor	Hawryluk
Art Unit	2822
Examiner Name	Toniae M. Thomas
Attorney Docket Number	3521.125

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application**

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to Jun 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

**1. Submission required under 37 CFR §1.114**

- a. ☐ Previously submitted
- i. ☐ Consider the amendment(s)/reply under 37 CFR §1.116 previously filed on \_\_\_\_\_  
(Any unentered amendment(s) referred to above will be entered).
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_
- iii. ☐ Other \_\_\_\_\_
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other \_\_\_\_\_

**2. Miscellaneous**

- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR §1.103(c) for a period of \_\_\_\_\_ months (Period of suspension shall not exceed 3 months; Fee under 37 CFR §1.17(i) required)
- b. ☐ Other \_\_\_\_\_

**3. Fees** The RCE fee under 37 CFR §1.17(e) is required by 37 CFR §1.114 when the RCE is filed.

- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 16-1331
- i. ☒ RCE fee required under 37 CFR §1.17(e)
- ii. ☒ Extension of time fee (37 CFR §§1.136 and 1.17)
- iii. ☐ Other \_\_\_\_\_

- b. ☒ Check in the amount of \$ \$375 and \$260 enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print / Type)	Allston J. Jones	Registration No. (Attorney / Agent)	27,906
Signature		Date	February 20, 2003

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

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Signature	

Date	
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REQUEST  
TECHNOLOGY CENTER 2800  
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Application Number	09/536,927
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Examiner Name	Tonlae M. Thomas
Attorney Docket Number	3521.125

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Name (Print / Type)

Allston J. Jones

Registration No. (Attorney / Agent)

27,906

Signature

Date

February 20, 2003

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TECHNOLOGY CENTER 2800

ART UNIT: 2822

PATENT

Attorney's Docket No. 3521.125

EXAMINER: Tonieae M. Thomas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
ANDREW M. HAWRYLUK et al. )  
Serial No.: 09/536,927 )  
Filed: March 27, 2000 )

RCE AMENDMENT DETAILS

For: METHODS FOR ANNEALING A SUBSTRATE AND ARTICLE PRODUCED BY SUCH METHODS

In the Claims:

Amend claims 1 and 53 as follows:

1. (Amended) A method comprising the step of annealing at least one region of a semiconductor substrate **while minimizing the diffusion of dopant atoms during activation by using [with]** a pulsed beam of particles having a time duration less than or equal to  $10^{-4}$  seconds.

53. (Amended) A method comprising the steps of annealing at least one integrated device formed in a semiconductor substrate **while minimizing the diffusion of dopant atoms during activation by using [with]** a pulsed beam of particles having a duration between  $10^{-10}$  seconds and  $10^{-4}$  seconds.

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TECHNOLOGY CENTER 2800

ART UNIT: 2822

EXAMINER: Tonieae M. Thomas

PATENT  
Attorney's Docket No. 3521.125

#1413  
Jupen  
9/6/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
ANDREW M. HAWRYLUK et al. )

Serial No.: 09/536,927 ✓ )

Filed: March 27, 2000 )

**PRELIMINARY AMENDMENT**

**TO RCE APPLICATION**

For: METHODS FOR ANNEALING A SUBSTRATE AND ARTICLE PRODUCED BY SUCH  
METHODS

Commissioner for Patents  
Washington, D.C. 20231

**CERTIFICATE OF HAND CARRYING**

I hereby certify that this correspondence is being hand carried and  
deposited with the U.S. Patent and Trademark Office on Feb. 24, 2003  
an

Annette Masiello  
Annette Masiello or Raylene Pettit

Dear Sir:

This Response is being submitted with an RCE Application following the  
Examiner's Final Action dated August 23, 2002, together with a third month time  
extension to extend the time for filing the RCE Application to and including February 24,  
2003, since February 23, 2003, is a Sunday and under Patent Office rules the deadline